

Title (en)
SHUTOFF AND PRESSURE REGULATING VALVE

Publication
EP 0313502 B1 19911211 (EN)

Application
EP 88630174 A 19881012

Priority
US 11138587 A 19871022

Abstract (en)
[origin: EP0313502A1] Fuel is directed to the stages of an afterburner by metering flow to the stages with a single metering valve (14) and by controlling the flow to each stage by means of an integral shutoff and regulating valve (16). Each shutoff valve opens and closes the fuel flow to a stage as required. Each regulating valve, which is housed within a respective shutoff valve, regulates flow to each segment as a function of the pressure drop across the metering valve (14) so that a constant weight flow to the segment is achieved.

IPC 1-7
F02C 7/232

IPC 8 full level
F02C 9/26 (2006.01); **F02C 9/28** (2006.01)

CPC (source: EP US)
F02C 9/263 (2013.01 - EP US); **Y10T 137/7791** (2015.04 - EP US); **Y10T 137/87917** (2015.04 - EP US)

Cited by
EP0822345A3; EP0741240A1; FR2733815A1; US5785079A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0313502 A1 19890426; EP 0313502 B1 19911211; CA 1298755 C 19920414; DE 313502 T1 19890914; DE 3866852 D1 19920123; DK 169896 B1 19950327; DK 579588 A 19890423; DK 579588 D0 19881018; IL 88012 A0 19890630; IL 88012 A 19910816; JP 2610175 B2 19970514; JP H01134029 A 19890526; US 4825649 A 19890502

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EP 88630174 A 19881012; CA 579292 A 19881004; DE 3866852 T 19881012; DE 88630174 T 19881012; DK 579588 A 19881018; IL 8801288 A 19881012; JP 25688888 A 19881012; US 11138587 A 19871022